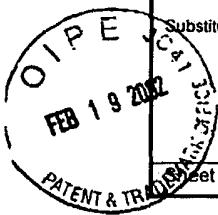


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		06514069CON		

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		Number	Kind Code ² (if known)			
9/26/03	<i>L</i>	4,882,268		Penman et al.	11-21-1989	435 5
9/26/03	<i>L</i>	5,081,584		Omichinski et al.	01-14-1992	435 69,1
9/26/03	<i>L</i>	5,270,170		Schatz et al.	12-14-1993	435 7,37
9/26/03	<i>L</i>	5,364,759		Caskey et al.	11-14-1994	435
9/26/03	<i>L</i>	5,371,671		Anderson et al.	12-06-1994	382 182
9/26/03	<i>L</i>	5,840,484		Seilhamer et al.	11-24-1998	435 6
9/26/03		6,303,297 B1		Lincoln et al.	10-16-2001	435 6

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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9/26/03	<i>L</i>	WO 91/19818	12/24/01	PCT w0	12-26-1991	1 -

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
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<i>L</i>		IntelliGenetics Suite, Release 5.4, Advanced Training Manual, IntelliGenetics, Inc., Mountain View, CA, pp. 1-1 through 1-16.				
<i>L</i>		Adams, Mark D., et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project", <i>Science</i> (1991) Vol. 252, pp. 1651-1656.				
<i>L</i>		Date, C.J., <i>An Introduction to Database Systems</i> , Vol. 1, 5th Edition, Addison-Wesley Publishing Company (1990), pp. 22-25, 42-45, 111-117, 144-153, and 249-273.				
<i>L</i>		Davison, "Introduction to Molecular Biology Information Servers" <i>SigBio Newsletter</i> (1991) Vol. 11, pp. 1-6.				
<i>L</i>		Fickett, James W., et al., "Development of a Database for Nucleotide Sequences", <i>Mathematical Methods for DNA Sequences</i> , CRC Press, Inc. (1989), pp. 1-34.				
<i>L</i>		Frenkel, Karen A., "The Human Genome Project and Informatics", <i>Communications of the ACM</i> (1991) Vol. 34, No. 11, pp. 41-51.				
Examiner Signature		<i>John B. Miller</i>	Date Considered	9/26/03		

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Sheet	2	of	2	Application Number	09/956,999
				Filing Date	September 19, 2001
				First Named Inventor	Lincoln, et al.
				Group Art Unit	1633
				Examiner Name	Unassigned
				Attorney Docket Number	06514069CON

	Ghossein, Ronald A., et al., "Prognostic Significance of Detection of Prostate-Specific-Antigen Transcripts in the Peripheral Blood of Patients with Metastatic Androgen-Independent Prostatic Carcinoma" <i>Urology</i> (1997) Vol. 50, No. 1, pp. 100-105.
✓	Hara, Eiji, et al., "Subtractive cDNA Cloning Using Oligo(dT) ₃₀ -Latex and PCR: Isolation of cDNA Clones Specific to Undifferentiated Human Embryonal Carcinoma Cells", <i>Nucleic Acids Research</i> (1991) Vol. 19, No. 25, pp. 7097-7104.
✓	Hoog, Christer, "Isolation of a Large Number of Novel Mammalian Genes by a Differential cDNA Library Screening Strategy", <i>Nucleic Acids Research</i> (1991) Vol. 19, No. 22, pp. 6123-6127.
✓	Katso, Roy M.T., et al., "Molecular Approaches to Diagnosis and Management of Ovarian Cancer" <i>Cancer Metastasis Reviews</i> (1997) Vol. 16, pp. 81-107.
✓	Khan, Akbar S., et al., "Single Pass Sequencing and Physical and Genetic Mapping of Human Brain cDNAs", <i>Nature Genetics</i> (1992) Vol. 2, pp. 180-185.
✓	Matsubara, K., et al., "Identification of New Genes by Systematic Analysis of cDNAs and Database Construction", <i>Current Opin. Biotech.</i> (1993) Vol. 4, pp. 672-677.
✓	McCabe, et al., "Amplification of Bacterial DNA Using Highly Conserved Sequences: Automated Analysis and Potential for Molecular Triage of Sepsis", <i>Pediatrics</i> (1995) Vol. 95, No. 2, pp. 165-169.
✓	Okubo, et al., "Large Scale cDNA Sequencing for Analysis of Quantitative and Qualitative Aspects of Gene Expression", <i>Nature Genetics</i> (1992) Vol. 2, pp. 173-179.
✓	Patanjali, Sankhavaram R., et al., "Construction of a Uniform-Abundance (Normalized) cDNA Library", <i>Proc. Natl. Acad. Sci. USA</i> (1991) Vol. 88, pp. 1943-1947.
✓	Porter-Jordan, Kathleen, et al., "Overview of the Biologic Markers of Breast Cancer" <i>Hematology/Oncology Clinics of North America</i> (1994) Vol. 8, No. 1, pp. 73-100.
✓	Rubenstein, John L.R., et al., "Subtractive Hybridization System Using Single-Stranded Phagemids with Directional Inserts", <i>Nucleic Acids Research</i> (1990) Vol. 18, No. 16, pp. 4833-4842.

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				Filing Date	September 19, 2001
				First Named Inventor	Lincoln, et al.
				Group Art Unit	1633
				Examiner Name	J. Martinell
Sheet	1	of	7	Attorney Docket Number	06514-069CON

U.S. PATENT DOCUMENTS					
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		Number	Kind Code ² (if known)		
✓		4,101,279		Aslam	07-18-1978
✓		4,309,782		Paulin	01-12-1982
✓		4,333,734		Fleisher	06-08-1982
✓		4,445,235		Slover, et al.	05-01-1984
✓		4,535,058		Weinberg, et al.	08-13-1985
✓		4,683,195		Mullis, et al.	07-28-1987
✓		4,705,050		Markham	11-10-1987
✓		4,735,905		Parker	04-05-1988
✓		4,786,718		Weinberg, et al.	11-22-1988
✓		4,857,300		Maksem	08-25-1989
✓		4,871,838		Bos, et al.	10-03-1989
✓		4,981,783		Augenlicht	01-01-1991
✓		4,982,615		Sultan, et al.	01-08-1991
✓		5,087,617		Smith	02-11-1992
✓		5,126,239		Livak, et al.	06-30-1992
✓		5,137,806		LeMaistre, et al.	08-11-1992
✓		5,149,506		Skiba, et al.	09-22-1992
✓		5,196,167		Guadagno, et al.	03-23-1993
✓		5,248,671		Smith	09-28-1993
✓		5,272,057		Smulson, et al.	12-21-1993
✓		5,302,509		Cheeseman	04-12-1994
✓		5,330,892		Vogelstein, et al.	07-19-1994
✓		5,331,973		Fiedler, et al.	07-26-1994
✓		5,348,855		DattaGupta, et al.	09-20-1994

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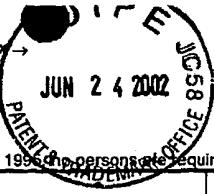
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				Group Art Unit	1633
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Sheet	2	of	7	Attorney Docket Number	06514-069CON

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9/26/03	✓	5,352,775		Albertsen, et al.	10-04-1994	534 23.1
9/26/03	✓	5,362,623		Vogelstein, et al.	11-08-1994	435 6
9/26/03	✓	5,369,004		Polymeropoulos, et al.	11-29-1994	435 6
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9/26/03	✓	5,380,645		Vogelstein	01-10-1995	435 6
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9/26/03	✓	5,382,510		Levine, et al.	01-17-1995	435 6
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9/26/03	✓	5,468,610		Polymeropoulos, et al.	11-21-1995	435 6
9/26/03	✓	5,468,613		Erlich, et al.	11-21-1995	435 6
9/26/03	✓	5,489,508		West, et al.	02-06-1996	435 6
9/26/03	✓	5,492,808		de la Chapelle, et al.	02-20-1996	435 6
9/26/03	✓	5,496,470		Lenhart	03-05-1996	210 222
9/26/03	✓	5,508,164		Kausch, et al.	04-16-1996	435 6
9/26/03	✓	5,512,441		Ronal	04-30-1996	435 6
9/26/03	✓	5,514,547		Balazs, et al.	05-07-1996	435 6
9/26/03	✓	5,527,676		Vogelstein, et al.	06-18-1996	435 6
9/26/03	✓	5,532,108		Vogelstein	07-02-1996	435 252.3
9/26/03	✓	5,580,729		Vogelstein	12-03-1996	435 6
9/26/03	✓	5,585,277		Bowie, et al.	12-17-1996	436 518
9/26/03	✓	5,668,165		Wuonola, et al.	09-16-1997	514 397
9/26/03	✓	5,670,325		Lapidus, et al.	09-23-1997	435 6

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U.S. PATENT DOCUMENTS							
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		Number	Kind Code ² (if known)				
q/26/03 K	✓	5,679,582		Bowie, et al.	10-21-1997	436	518
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q/26/03 K	✓	6,146,828		Lapidus, et al.	11-14-2000	435	6

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q/26/03 K	✓		0 284 362 A2		Elvin	09-28-1988	— —
q/26/03 K	✓		0 337 498		Augenlicht	10-18-1989	— —
q/26/03 K	✓		0 390 323 A2		Vogelstein, et al.	10-03-1990	— —
q/26/03 K	✓		0 390 323 A3		Vogelstein, et al.	10-03-1990	— —
q/26/03 K	✓		0 407 789 A1		Kato, et al.	01-16-1991	— —
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q/26/03 K	✓		0 608 004 A2		Dryja, et al.	07-27-1994	— —
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q/26/03 K	✓		0 664 339 A1		Oka, et al.	07-26-1995	— —
q/26/03 K	✓		WO 90/09455		Dale, et al.	08-23-1990	— —
q/26/03 K	✓		WO 92/13103		Kinzler, et al.	08-06-1992	— —
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q/26/03 K	✓		WO 93/20233		Lu-Chang, et al.	10-14-1993	— —
q/26/03 K	✓		WO 94/00603		Levine, et al.	01-06-1994	— —
q/26/03 K	✓		WO 94/09161		Striker, et al.	04-28-1994	— —

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Sheet	4	of	7	First Named Inventor	Lincoln, et al.
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→		WO	94/10575		Rotter	05-11-1994	
→		WO	94/11383		Wigler, et al.	05-24-1994	
→		WO	95/07361		Meo, et al.	03-16-1995	
→		WO	95/09928		Nakamura, et al.	04-13-1995	
→		WO	95/09929		Stokke, et al.	04-13-1995	
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→		WO	95/18818		Felix	07-13-1995	
→		WO	95/19448		Sidransky	07-20-1995	
→		WO	95/19948		Miller	07-27-1995	
→		WO	95/25813		Skolnick, et al.	09-28-1995	
→		WO	95/31728		Björklund, et al.	11-23-1995	
→		WO	96/01907		Buckbinder	01-25-1996	
→		WO	96/06951		Sidransky	03-07-1996	
→		WO	96/08514		Tsang, et al.	03-21-1996	
→		WO	96/12821		Baird, et al.	05-02-1996	
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→		BLUM, "Colorectal cancer: Future population screening for early colorectal cancer", European Journal of Cancer Vol. 31A(7/8): 1369-1372 (1995).						
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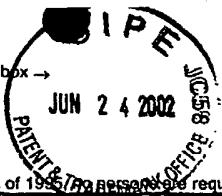
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		Application Number	09/956,999	Filing Date
Sheet	5	of	7	Examiner Name Lincoln, et al. Group Art Unit 1633 Attorney Docket Number J. Martinell 06514-069CON

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS		
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—	—	CALDAS, et al. "Detection of K-ras mutations in the stool of patients with pancreatic-adenocarcinoma and pancreatic ductal hyperplasia", Cancer Research Vol. 54: 3568-3573 (1994).
—	—	CAVE, et al. "Reliability of PCR directly from stool samples: Usefulness of an internal standard", BioTechniques Vol. 16(5): 809-810 (1994).
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—	—	HONCHEL, et al. "Genomic instability in neoplasia", Seminars in Cell Biology Vol. 6: 45-52 (1995).
—	—	HOSS, et al. "Excrement analysis by PCR", Nature Vol. 359: 199 (1992).

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				Filing Date	September 19, 2001
				First Named Inventor	Lincoln, et al.
				Group Art Unit	1633
				Examiner Name	J. Martinell
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✓	✓	JESSUP, et al. "The biology of colorectal carcinoma", Current Problems in Cancer. 263-328 (1992).
✓	✓	JONSSON, et al. "From mutation mapping to phenotype cloning", Proc. Natl. Acad. Sci. USA Vol. 92: 83-85 (1995).
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✓	✓	LITIÄ, et al. "Simultaneous detection of two cystic fibrosis alleles using dual-label time-resolved fluorometry", Molecular and Cellular Probes Vol. 6: 505-512 (1992).
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✓	✓	ORLOW, et al. "Deletion of the p16 and p15 genes in human bladder tumors", J. of the National Cancer Institute Vol. 87(20): 1524-1529 (1995).
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✓	✓	RHYU, et al. "Molecular mechanisms underlying hereditary nonpolyposis colorectal carcinoma", J. of the National Cancer Institute Vol. 88(5): 240-251 (1996).
✓	✓	RIDANPÄÄ, et al. "Detection of loss of heterozygosity in the p53 tumor suppressor gene using a PCR-based assay", Path. Res. Pract. Vol. 191: 399-402 (1995).

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Application Number	09/956,999
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←	SANGER, et al.	"DNA sequencing with chain-terminating inhibitors", Proc. Natl. Acad. Sci.-USA Vol. 74(12): 5463-5467 (1977).	
←	SEGEL	"Double label analysis", Biochemical Calculations: 373-376 (1976).	
Δ	SIDRANSKY, et al.	"Identification of ras oncogene mutations in the stool of patients with curable colorectal tumors", Science Vol. 256: 102-105 (1992).	
→	SMITH-RAVIN, et al.	"Detection of c-Ki-ras mutations in faecal samples from sporadic colorectal cancer patients", Gut Vol. 36: 81-86 (1995).	
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→	THIBODEAU, et al.	"Microsatellite instability in cancer of the proximal colon", Science Vol. 260: 816-819 (1993).	
→	VILLA, et al.	"Identification of subjects at risk for colorectal carcinoma through a test based on K-ras determination in the stool", Gastroenterology Vol. 110: 1346-1353 (1996).	
✓	WALLACE, et al.	"Hybridization of synthetic oligodeoxyribonucleotides to Φ x 174 DNA: The effect of single base pair mismatch", Nucleic Acids Research Vol. 6(11): 3543-3557 (1979).	
→	WATSON, et al.	"Isolation of differentially expressed sequence tags from human breast cancer", Advanced in Brief XP000576043: 4598-4602.	
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